

FIG. 1

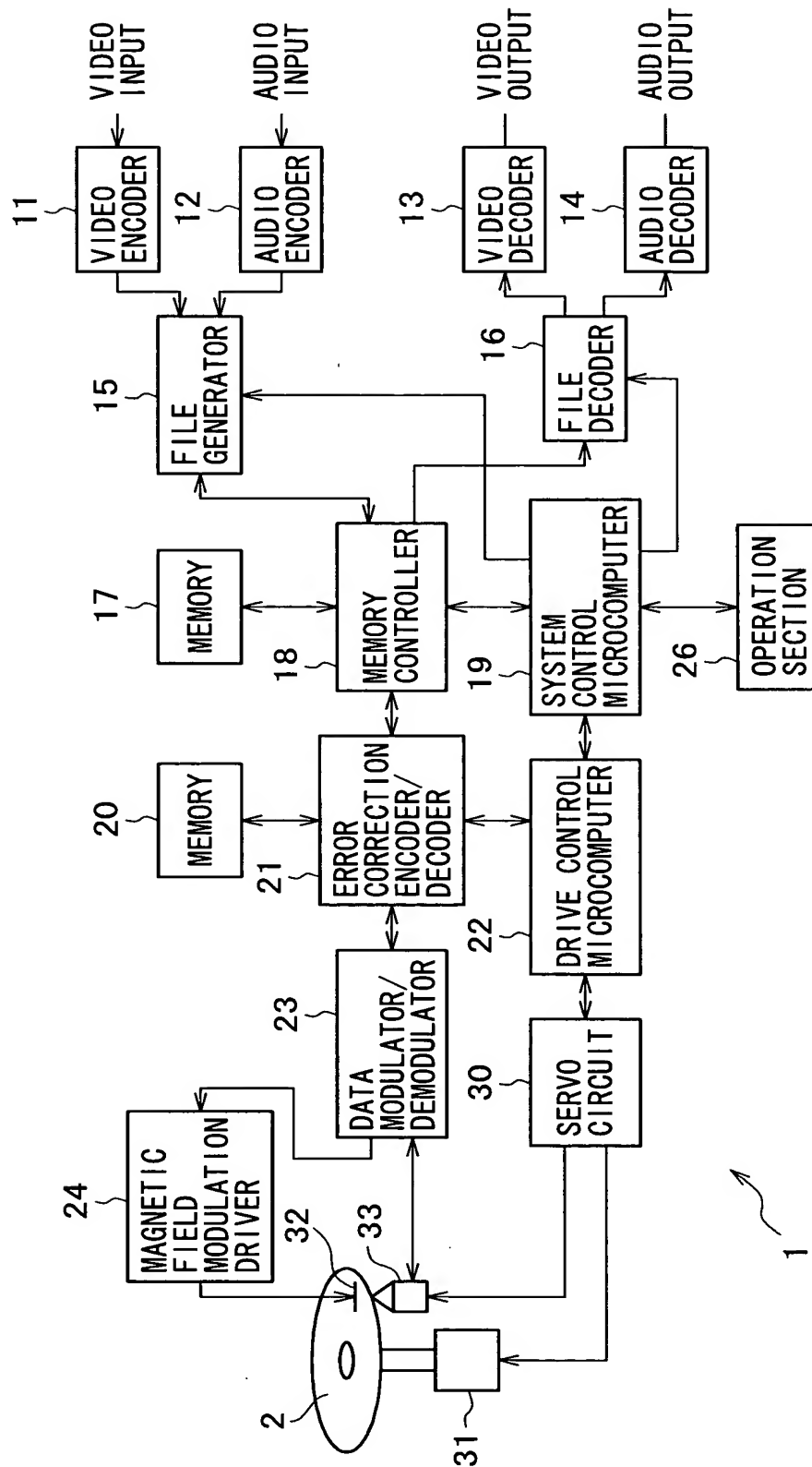


FIG. 2

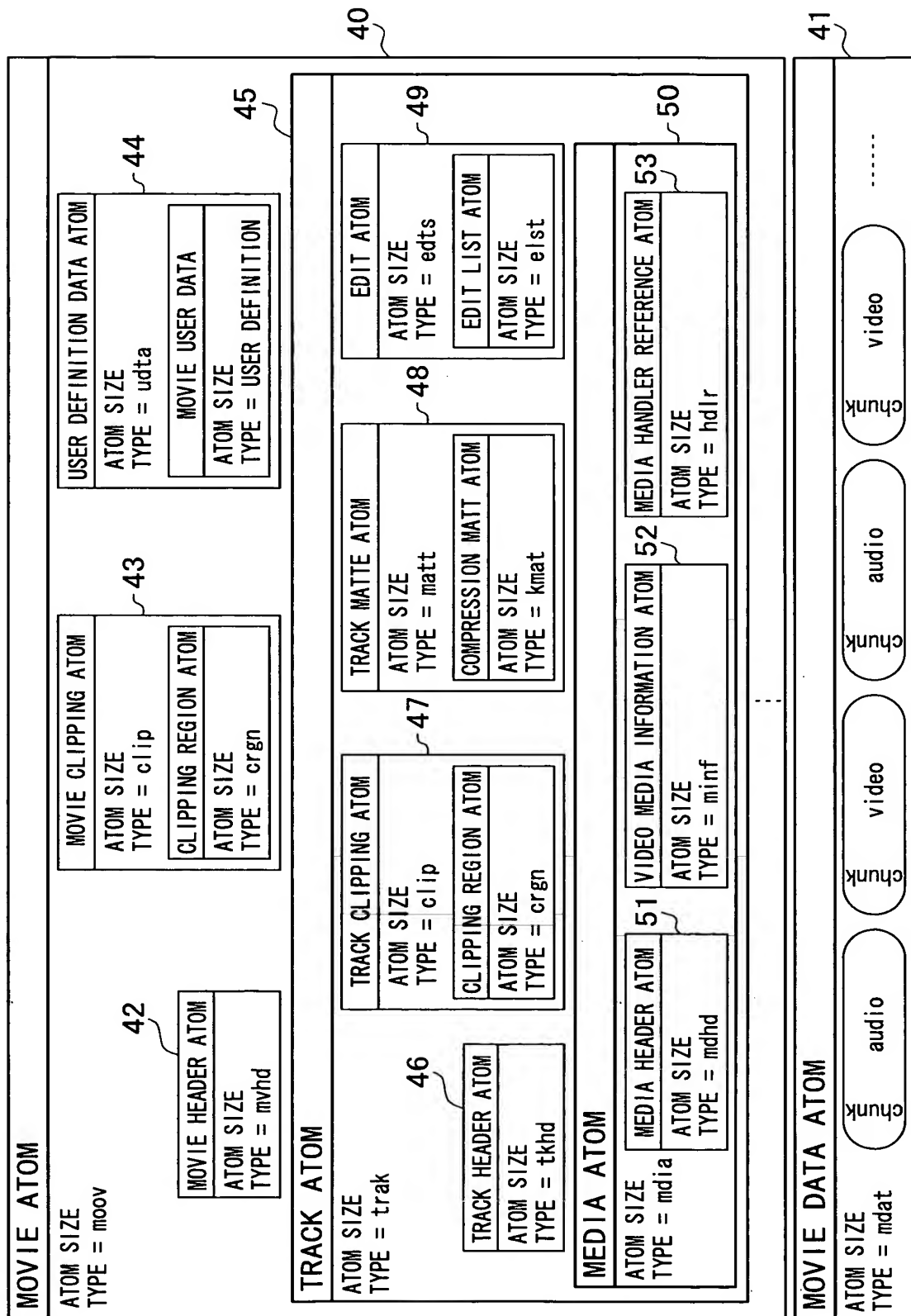


FIG. 3

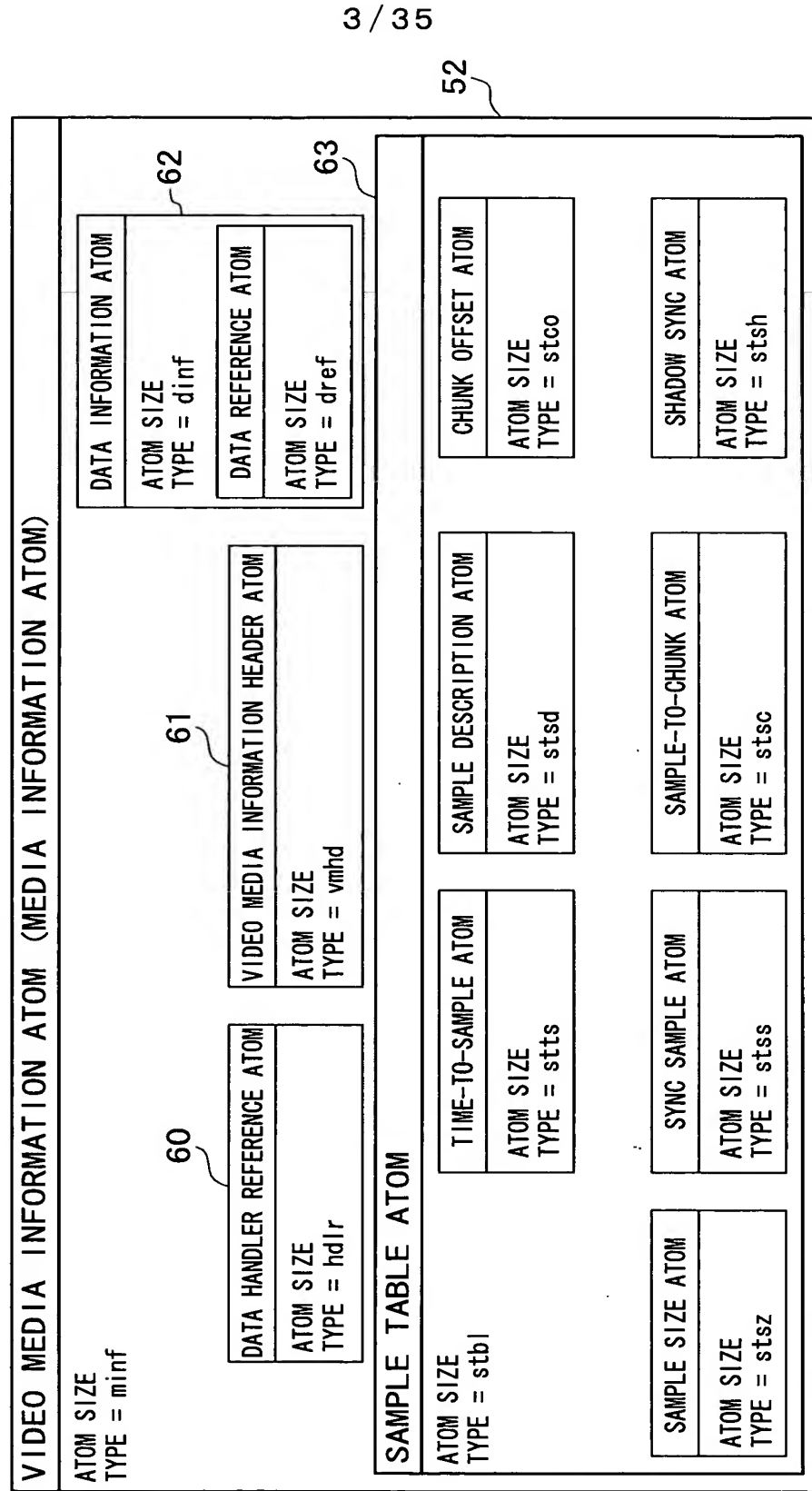
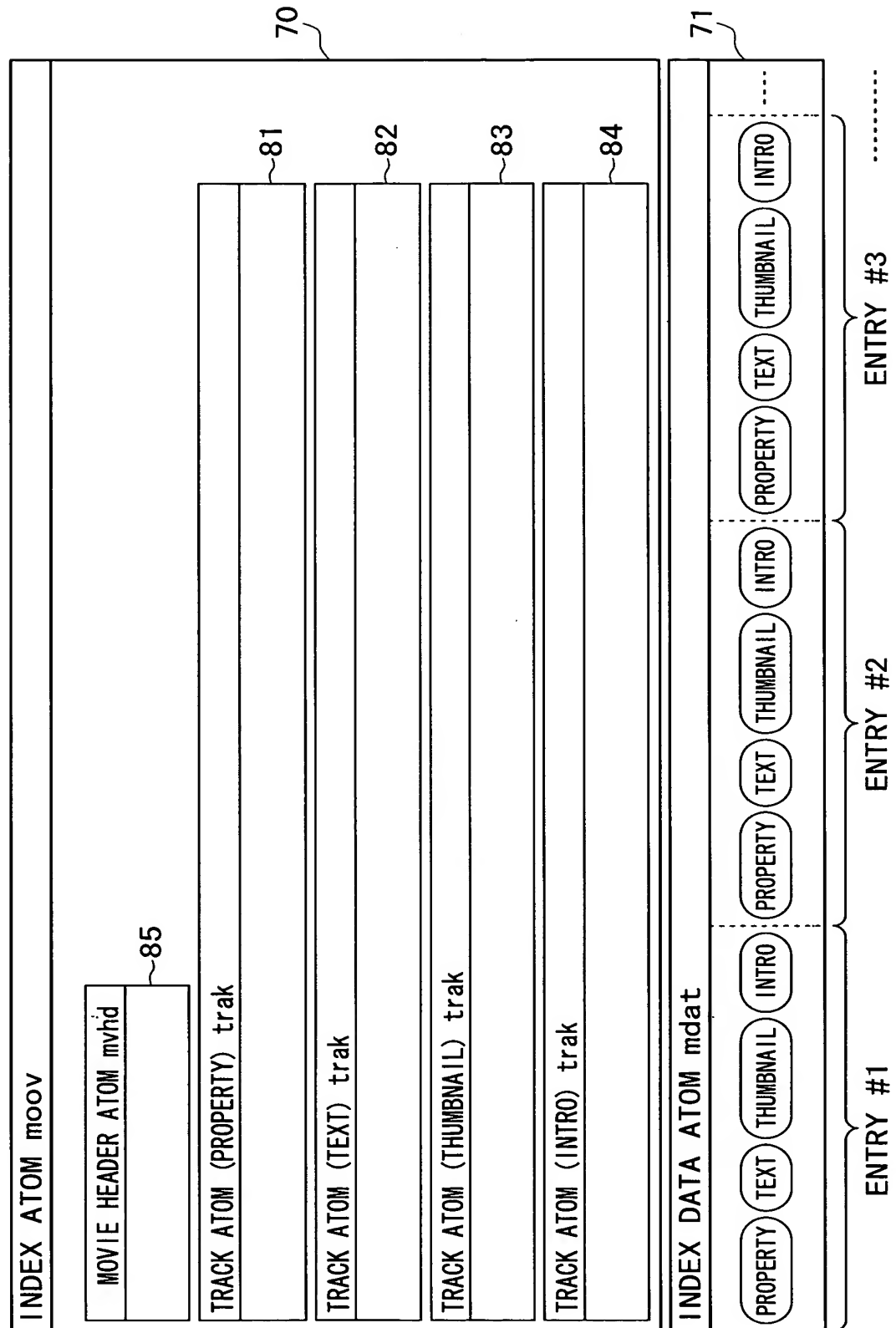


FIG. 4



F I G. 5

RBP	Length	Field Name
0	L AP1	AV File Property #1
L AP1	L AP2	AV File Property #2
L AP1+L AP2	L AP3	AV File Property #3
⋮	⋮	⋮
	L APn	AV File Property #n

F I G. 6

RBP	Length	Field Name
0	L AT1	AV File Title #1
L AT1	L AT2	AV File Title #2
L AT1+L AT2	L AT3	AV File Title #3
⋮	⋮	⋮
	L ATn	AV File Title #n

F I G. 7

RBP	Length	Field Name
0	L TH1	AV File Thumbnail Picture #1
L TH1	L TH2	AV File Thumbnail Picture #2
L TH1+L TH2	L TH3	AV File Thumbnail Picture #3
⋮	⋮	⋮
	L THn	AV File Thumbnail Picture #n

F I G. 8

RBP	Length	Field Name
0	L IS1	AV File Intro Music #1
L IS1	L IS2	AV File Intro Music #2
L IS1+L IS2	L IS3	AV File Intro Music #3
⋮	⋮	⋮
	L ISn	AV File Intro Music #n

F I G. 9

RBP	Length	Data
0	16	Property Entry Header
16	32	Basic Property Data
56	L P EX	Property Extension Data

F I G. 1 0

RBP	Length	Field Name
0	2	Entry Number
2	2	Parent Entry Number
4	2	Property Entry Flags
6	2	Play-order
8	4	Entry Data Size
12	2	Next-extends-entry
14	2	reserved

FIG. 11A

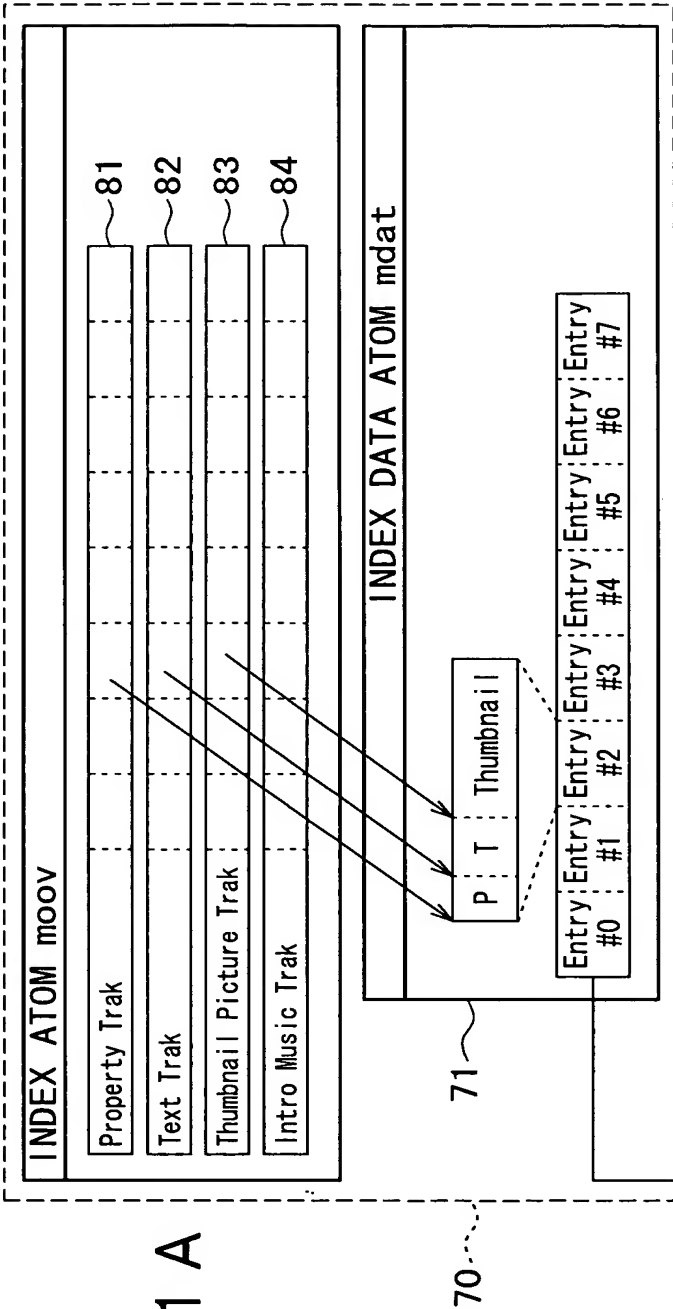


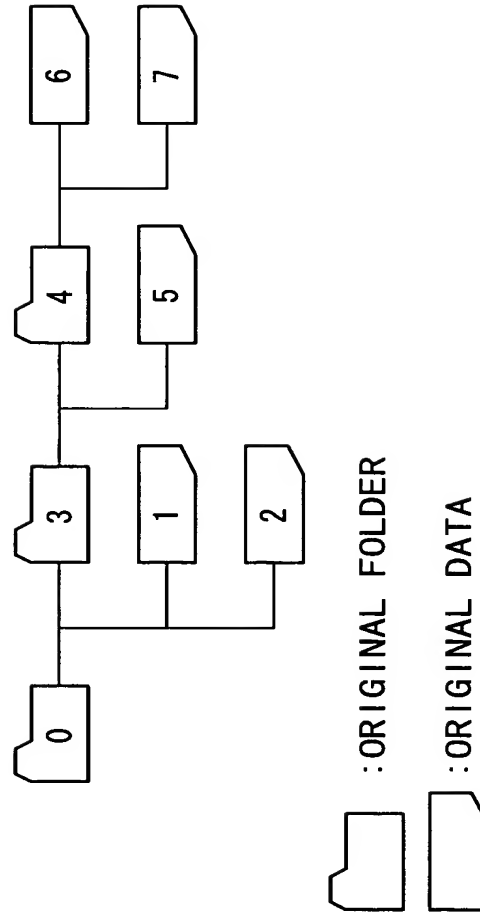
FIG. 11B

Entry Number		0	1	2	3	4	5	6	7
PE-Flags(1)	0:Folder 1:File	0	1	1	0	0	1	1	1
PE-Flags(0)	0:Original 1:Favorite	0	0	0	0	0	0	0	0
Parent Entry Number		X	0	0	0	3	3	4	4

FIG. 12A

Entry Number		0	1	2	3	4	5	6	7
PE-Flags(1)	0:Folder 1:File	0	1	1	0	0	1	1	1
PE-Flags(0)	0:Original 1:Favorite	0	0	0	0	0	0	0	0
Parent Entry Number									
Binary File Identifier/URL		X	File -a	File -b	X	X	File -c	File -d	File -e

FIG. 12B



F I G. 1 3

Bit	Field Name
15:14	Reserved
13	Intro Music Entry has extended
12	Thumbnail Entry has extended
11	Title Entry has extended
10	Parent File
9	Child File
8	Reference
7:5	Reserved
4	Valid
3	Reserved
2	Extends
1	File/Folder
0	Original/Favorite

FIG. 14A

Entry Number		0	1	2	3	4	5	6	7	8	9	10
PE-Flags(1)	0:Folder	0	1	1	0	0	1	1	1	0	1	1
PE-Flags(0)	0:Original	0	0	0	0	0	0	0	0	1	1	1
Parent Entry Number		X	0	0	0	3	3	4	4	0	8	8
Play-Order		X	1	5	X	X	2	4	3	1	2	1
Binary File Identifier/URL		X	File -a	File -b	File -c	File -d	File -e	File -d	File -e	File -d	File -c	File -c

FIG. 14B

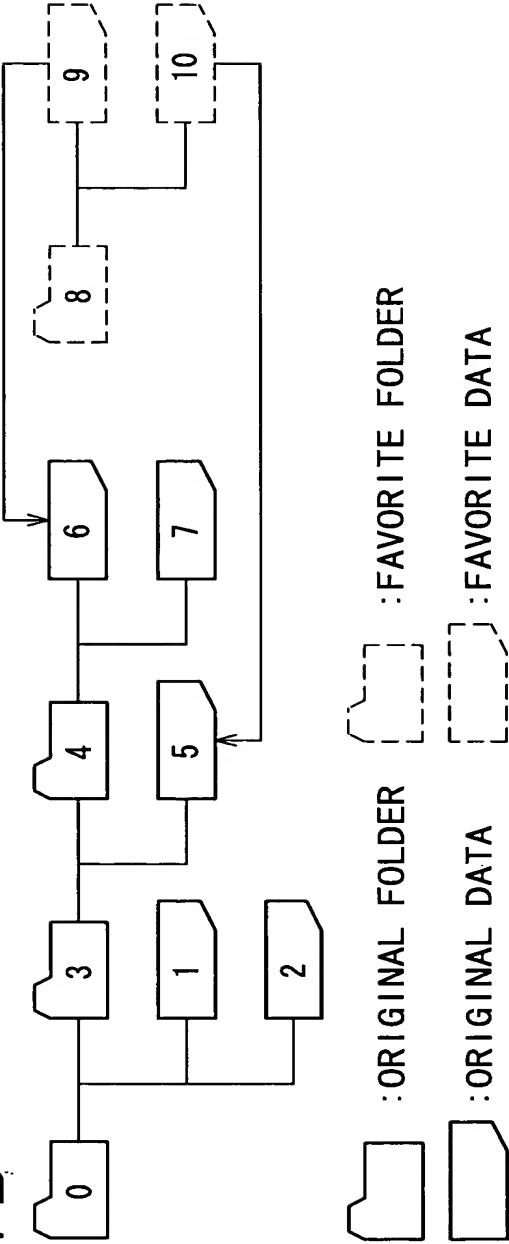


FIG. 15A

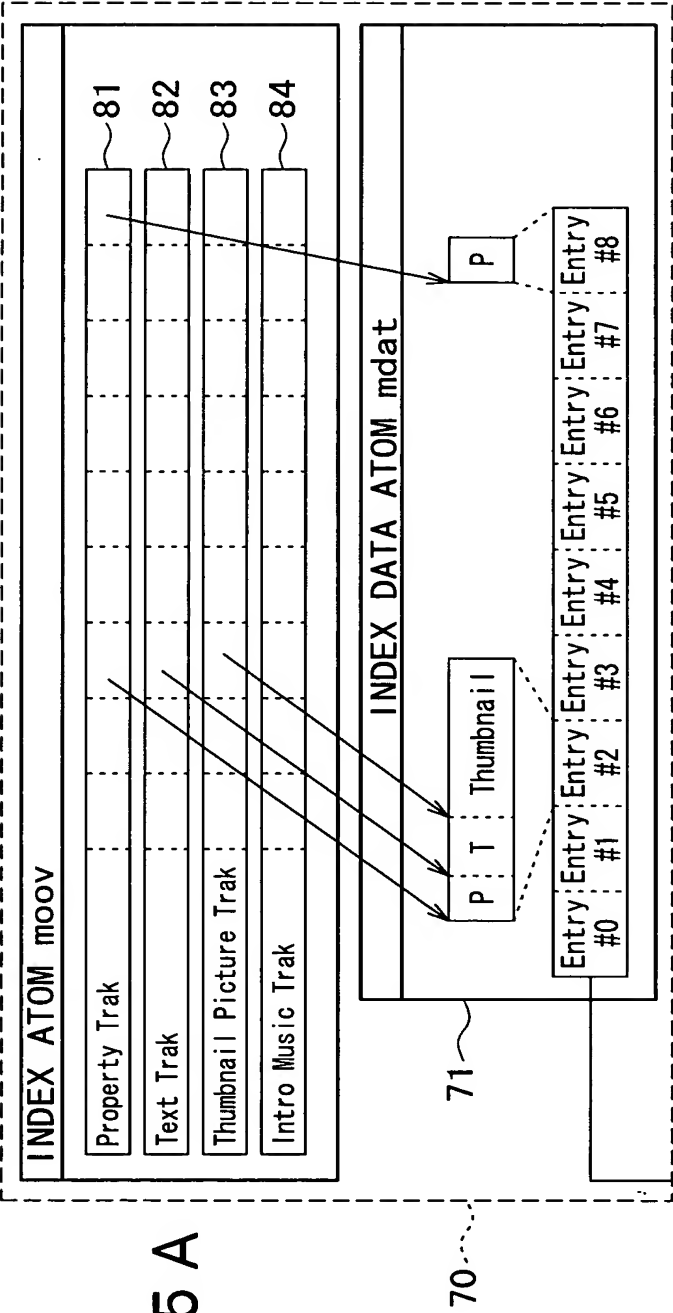


FIG. 15B

Entry Number	0	1	2	3	4	5	6	7	8
PE-Flags(1) 0:Folder 1:File	0	1	1	0	0	1	1	1	1
PE-Flags(0) 0:Original 1:Favorite	0	0	0	0	0	0	0	0	0
PE-Flags(2) 1:Extends	0	0	0	0	0	0	0	0	1
Parent Entry Number	X	0	0	0	3	3	4	4	0
Next Extends Entry	0	0	8	0	0	0	0	0	0

FIG. 16A

Entry Number		0	1	2	3	4	5	6
PE-Flags(1)	0:Folder 1:File	0	1	1	1	1	1	1
PE-Flags(0)	0:Original 1:Favorite	0	0	0	0	0	0	0
PE-Flags(10)	1:Parent	0	1	0	0	1	0	0
PE-Flags(9)	1:Child	0	0	1	1	0	1	1
PE-Flags(8)	1:Reference	0	1	0	0	1	0	0
Parent Entry Number		X	0	0	0	0	0	0
Referring File Counter		0	0	1	1	0	1	1
Referred File List		X	X	1	1	X	4	4

FIG. 16B

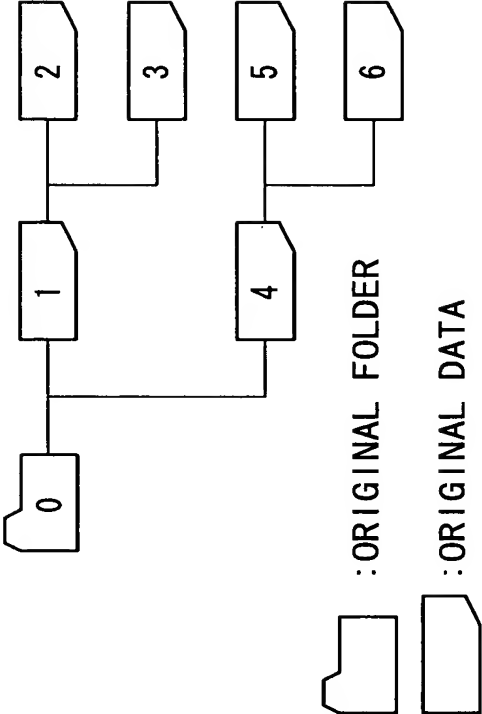


FIG. 17A

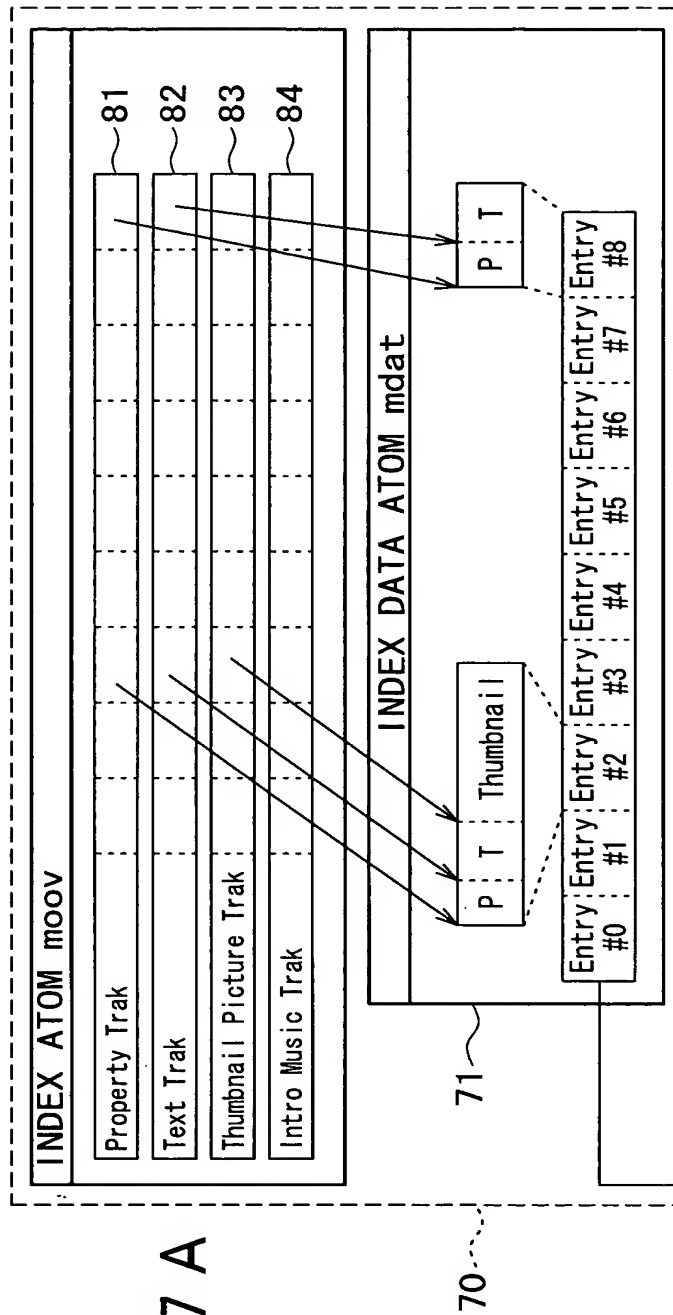


FIG. 17B

Entry Number		0	1	2	3	4	5	6	7	8
PE-Flags(1)	0:Folder 1:File	0	1	1	0	0	1	1	1	1
PE-Flags(0)	0:Original 1:Favorite	0	0	0	0	0	0	0	0	0
PE-Flags(2)	1:Extends	0	0	0	0	0	0	0	0	1
PE-Flags(11)	1:Title Extends	0	0	0	0	0	0	0	0	1
Parent Entry Number		X	0	0	0	3	3	4	4	0
Next Extends Entry		0	0	8	0	0	0	0	0	0

FIG. 18 A

Entry Number		0	1	2	3	4	5	6	7
PE-Flags(1)	0:Folder 1:File	0	1	1	0	0	1	1	1
PE-Flags(0)	0:Original 1:Favorite	0	0	0	0	0	0	0	0
Parent Entry Number			0	0	0	3	3	4	4
Play Order		X	1	5	X	X	2	4	3

FIG. 18 B

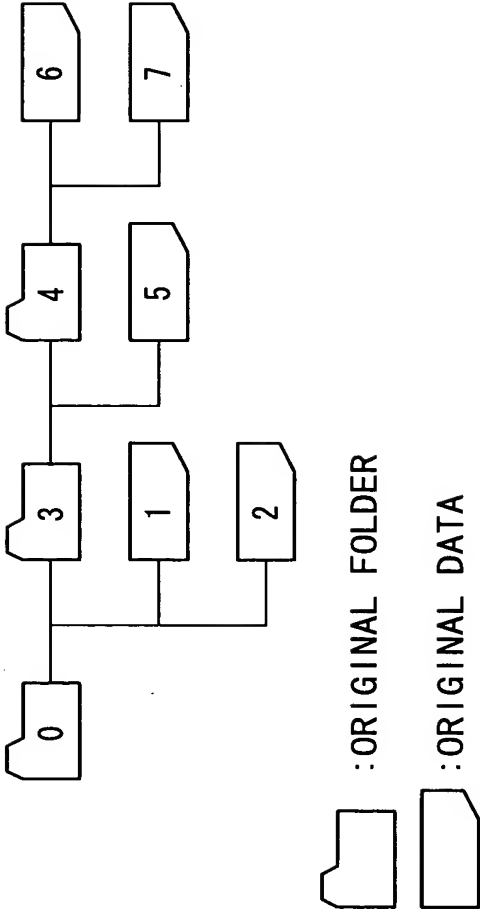
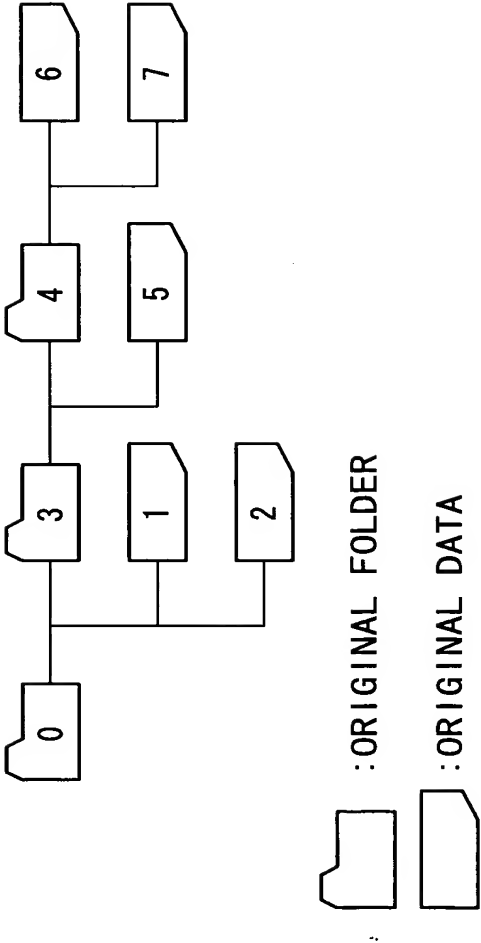


FIG. 19A

Entry Number		0	1	2	3	4	5	6	7
PE-Flags(1)	0:Folder 1:File	0	1	1	0	0	1	1	1
PE-Flags(0)	0:Original 1:Favorite	0	0	0	0	0	0	0	0
Parent Entry Number			0	0	0	3	3	4	4
Play Order		1	5	0	X	X	7	2	6

FIG. 19B



F I G. 2 0

RBP	Length	Field Name
0	4	Format Brand
4	4	Media profile
8	2	Contents status flags
10	2	Reserved
12	4	Creation Time
16	4	Modification Time
20	4	Duration
24	6	Binary File Identifier
30	2	Referred Counter

F I G. 2 1

Bit	Field Name
15:8	Contents Type
7:6	Reserved
5	AV File Has Intro Music
4	AV File has Thumbnail Picture
3	AV File has Title
2	AV Index File has Intro Music of AV File
1	AV Index File has Thumbnail Picture of AV File
0	AV Index File has Title of AV File

F I G. 2 2

RBP	Length	Field Name
0	L P RF	Referring File List
L P RF	L P GF	Grouping File List
L P RF+ L P GF	L P UR	URL
L P RF+ L P GF+ L P UR	L P PD *N	Private Property Data [N]
L P RF+ L P GF+ L P UR+ L P PD *N	L P PE *M	Private Property Entry [M]

F I G. 2 3

RBP	Length	Field Name
0	4	Size
4	4	Type
8	2[n]	Referring File Entry Number [n]

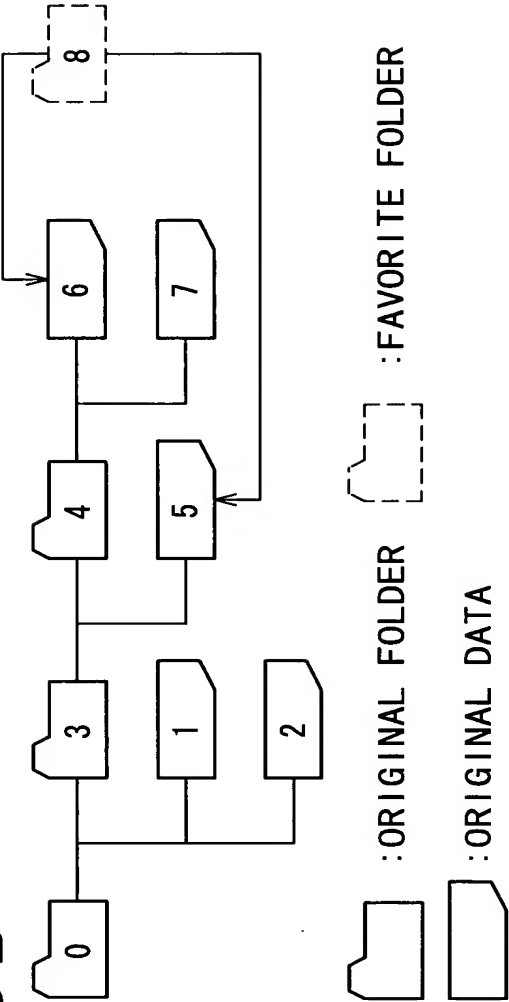
F I G. 2 4

RBP	Length	Field Name
0	4	Size
4	4	Type
8	2[n]	Grouping Entry Number [n]

FIG. 25A

Entry Number		0	1	2	3	4	5	6	7	8
PE-Flags(1)	0:Folder 1:File	0	1	1	0	0	1	1	1	0
PE-Flags(0)	0:Original 1:Favorite	0	0	0	0	0	0	0	0	1
Parent Entry Number		X	0	0	0	3	3	4	4	0
Play-Order		X	1	5	X	X	2	4	3	1
Grouping File List		X	X	X	X	X	X	X	X	6, 5

FIG. 25B



F I G. 2 6

RBP	Length	Field Name
0	4	Size
4	4	Type
8	n	URL

F I G. 2 7

RBP	Length	Field Name
0	4	Size
4	4	Type
8	4	Owner
12	n	Private Data

F I G. 2 8

RBP	Length	Field Name
0	4	Size
4	4	Type
8	4	Owner
12	n	Private File URL (Number)
12 + n	4	File Offset
16 + n	4	Data Size

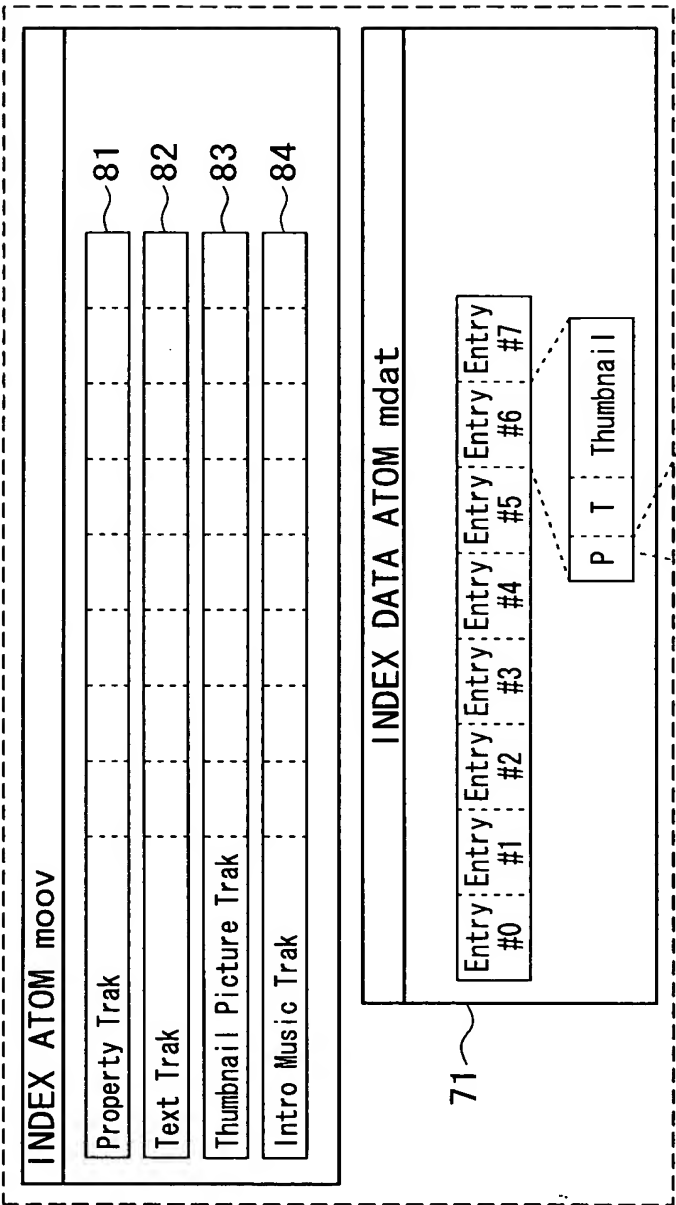


FIG. 29A

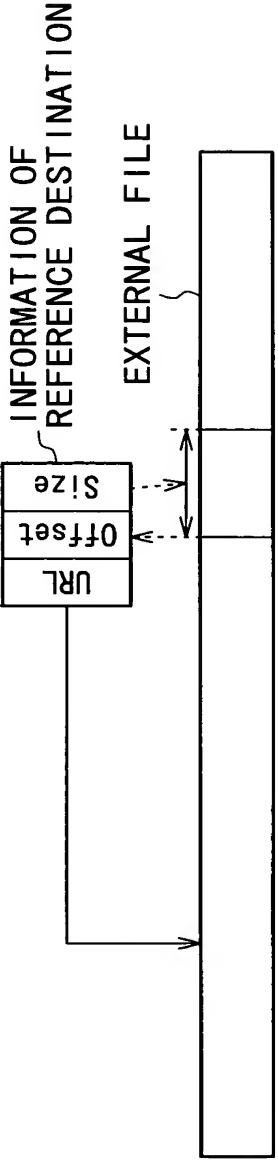
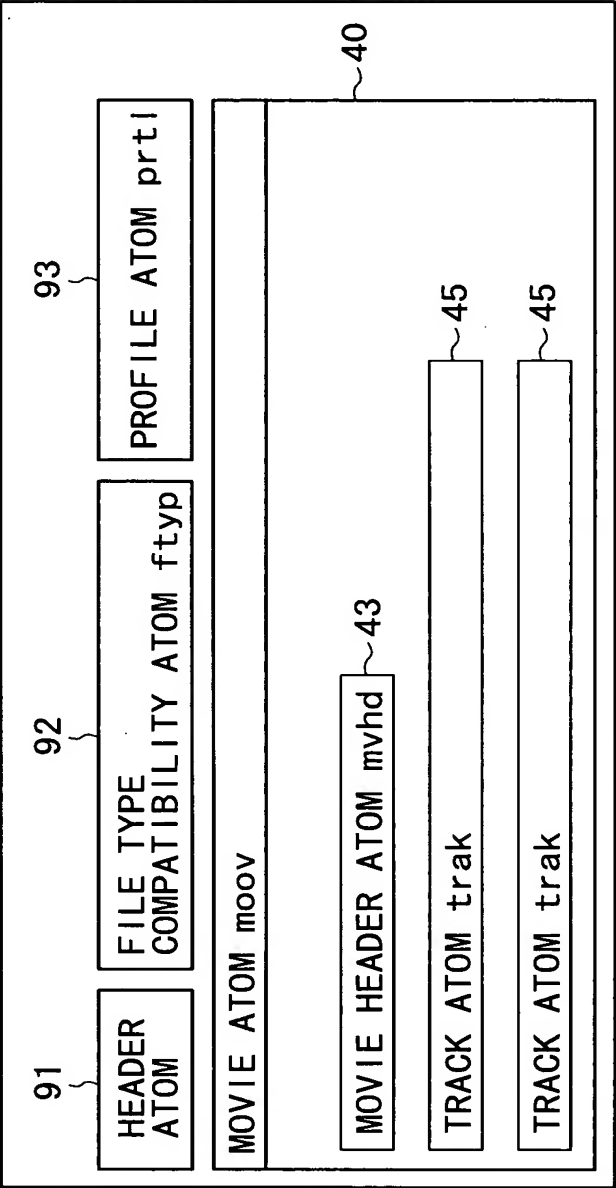


FIG. 29B

FIG. 29C

FIG. 30



F I G. 3 1

RBP	Length	Field Name
0	4	Size
4	4	Type (=ftyp)
8	4	Major-Brand
12	4	Minor-Version
16	4×N	Compatible-Brand [N]

F I G. 3 2

RBP	Length	Field Name
0	4	Size
4	4	Type (=prfl)
8	1	Version
9	3	flags
12	4	feature-record-count
15	16×N	feature-record-list

F I G. 3 3

RBP	Length	Field Name
0	4	track-ID
4	4	sub-part-ID
12	4	feature
16	4	value

FIG. 34

feature	MEANING	VALUE (EXAMPLE)
cdty	TYPE OF CODEC	mp4v (MPEG4 video), mp4a (MPEG4 audio)
brat	BIT RATE OF DATA	64000, 96000, 128000, 192000, 384000 [bps]
frat	VIDEO FRAME RATE	10, 15, 24, 30 [fps]
srat	AUDIO SAMPLING FREQUENCY	24000, 48000 [Hz]
wdth	VIDEO PICTURE SIZE (HORIZONTAL)	176, 352, 704, 720
hght	VIDEO PICTURE SIZE (VERTICAL)	120, 144, 240, 288, 480, 576
frty	FIXED FRAME OR VARIABLE FRAME	cfr (FIXED FRAME RATE), vfr (VARIABLE FRAME RATE)
brty	FIXED BIT RATE OR VARIABLE BIT RATE	cbr (FIXED BIT RATE), vbr (VARIABLE BIT RATE)

FIG. 35

feature-record-list			
track-ID	sub-part-ID	feature	value
1	1	cdty	mp4v
2	1	cdty	mp4a
1	1	brat	384000
2	1	brat	128000
1	1	frat	15
1	1	wdth	352
1	1	hght	288
2	1	srat	48000
1	1	frty	cfr
2	1	brty	cbr
⋮	⋮	⋮	⋮

prtl

FIG. 36

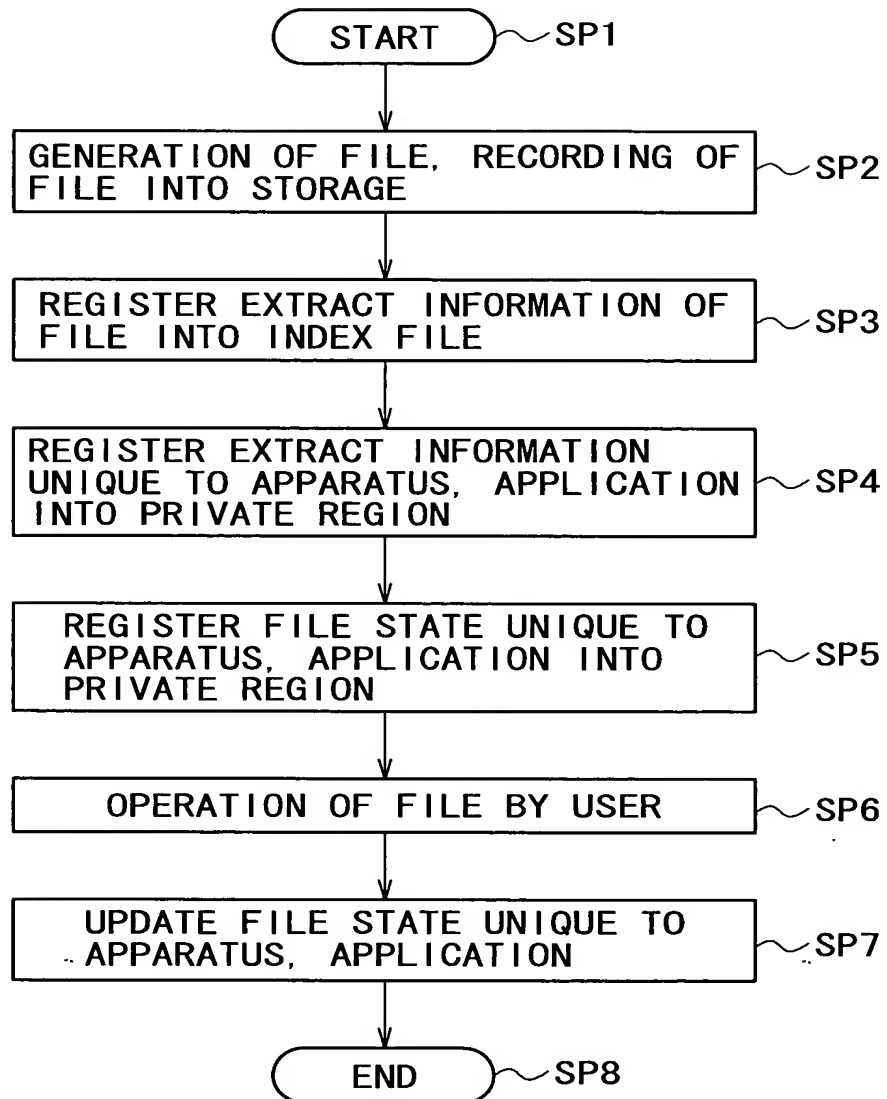


FIG. 37

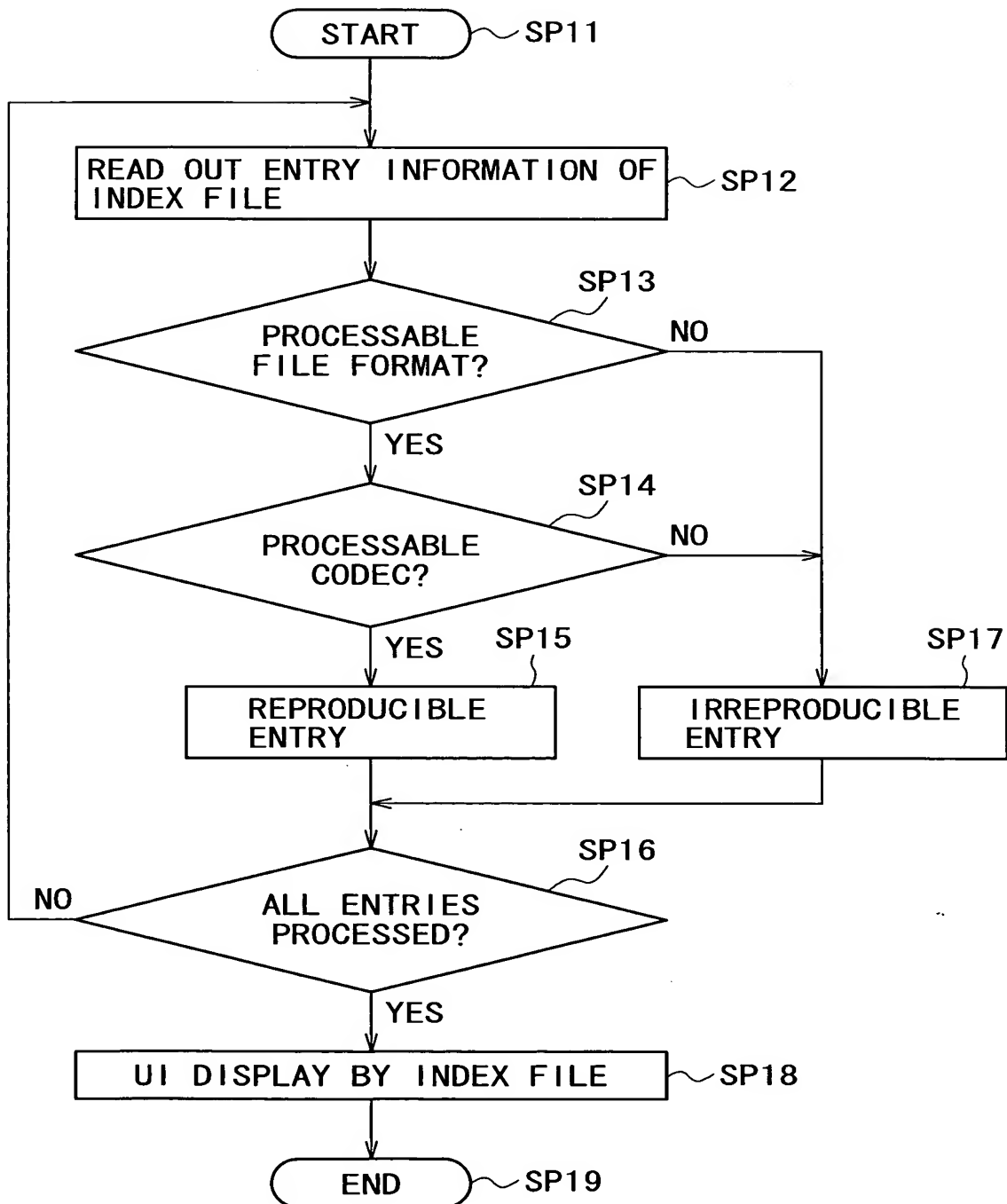


FIG. 38

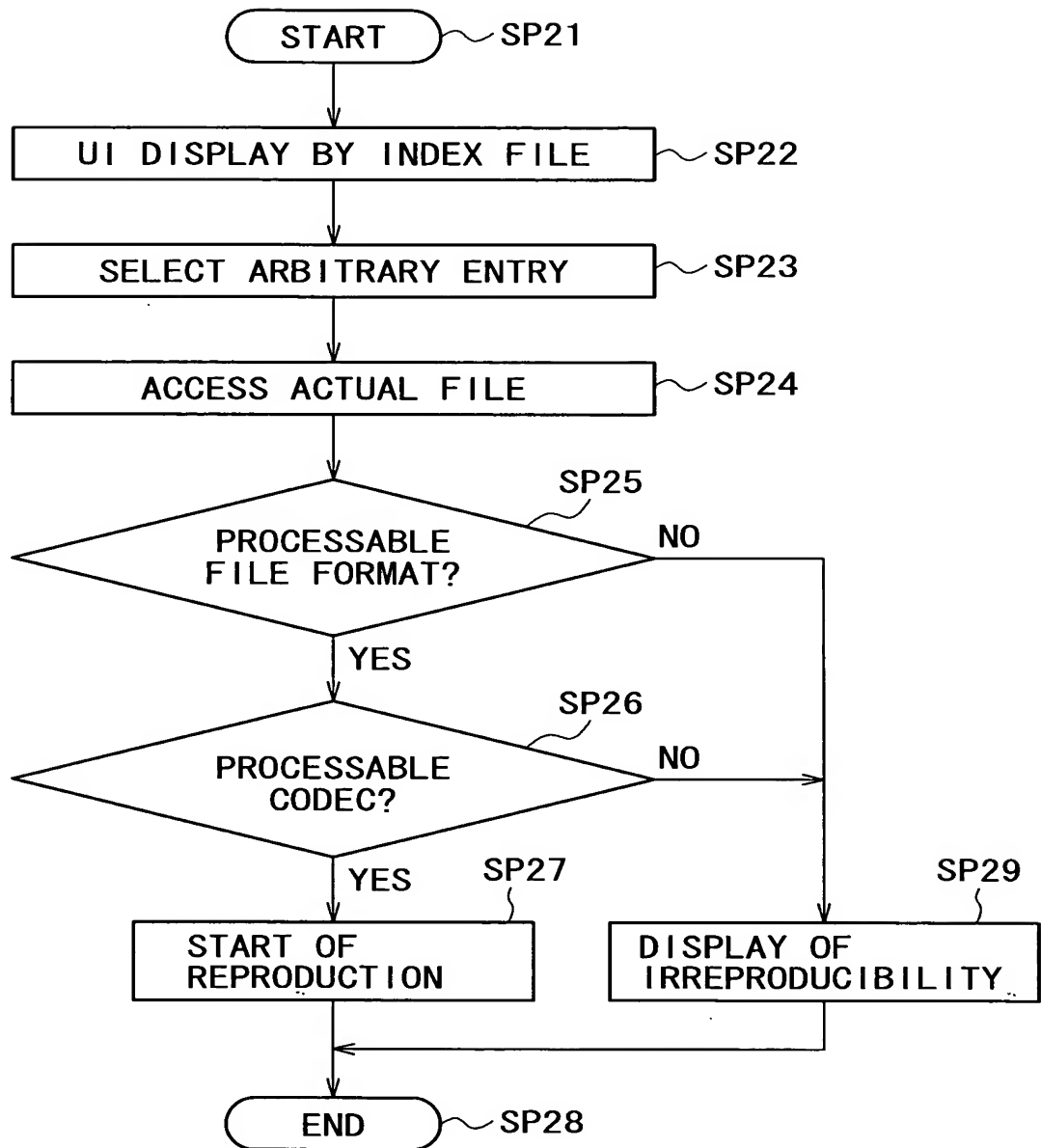


FIG. 39A

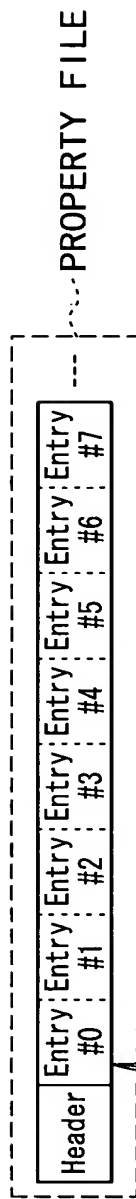


FIG. 39B

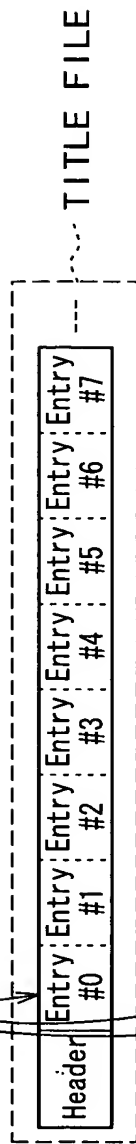


FIG. 39C

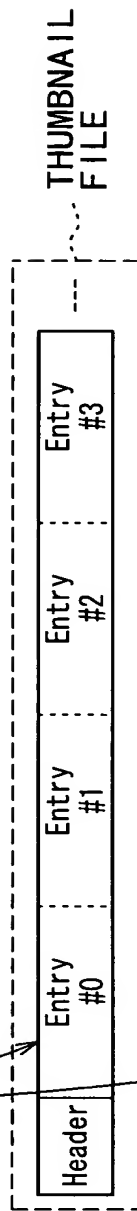
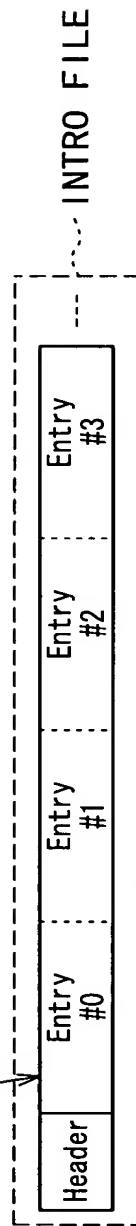


FIG. 39D



F I G. 4 0

RBP	Length	Field Name
0	4	Size
4	4	Type
8	n	File URL (Number)
8 + n	4	File Offset
12 + n	4	Data Size

F I G . 4 1

RBP	Length	Field Name
0	4	Format Brand
4	4	Media profile
8	2	Contents status flags
10	2	Reserved
12	4	Creation Time
16	4	Modification Time
20	4	Duration
24	6	Binary File Identifier
30	2	Referred Counter
32	4	Title File Offset
36	4	Title Size
40	4	Thumbnail File Offset
44	4	Thumbnail Size
48	4	Intro Music File Offset
52	4	Intro Music Size

